CONTENTS OF *AQUACULTURE*, VOLUME 75

VOL. 75 NOS. 1/2 1 DECEMBER 1988

Reviews

Salmon ranching: a world review
A. Isaksson (Reykjavik, Iceland) 1

Culture of catfish in China
W.B. Zheng, J.H. Pan and W.S. Liu (Guangzhou, China) 35

Diseases, Parasites and Predators

Vitamin E and selenium prophylaxis against "Hitra disease" in farmed Atlantic salmon - a survival study
R. Salte (Ås, Norway), T. Åsgård (Sunndalsøra, Norway) and K. Liestøl (Oslo, Norway) 45

Genetics and Breeding

Androgenesis as a mechanism for chromosome set manipulation in brook trout (*Salvelinus fontinalis*)
B. May, K.J. Henley, C.C. Krueger and S.P. Gloss (Ithaca, NY, U.S.A.) 57

Complete diallele cross between six inbred groups of rainbow trout, *Salmo gairdneri*
B. Gjerde (Ås, Norway) 71

Relationships between aneuploidy and growth rate in pair matings of the oyster *Crassostrea gigas*
C. Thiriot-Quiévreux (Villefranche-sur-Mer, France), T. Noël, S. Bougrier (La Tremblade, France) and S. Dallot (Villefranche-sur-Mer, France) 89

Husbandry and Management

The effect of stunting on growth, survival, and net production of milkfish (*Chanos chanos* Forsskal)
I. Bombeo-Tuburan (Iloilo, The Philippines) 97

Salinity and temperature effects on agar production from *Gracilaria verrucosa* Strain G-16
B.K. Daugherty and K.T. Bird (Ft. Pierce, FL, U.S.A.) 105

Nutrition

Animal-protein-free feeds for hybrid tilapia (*Oreochromis niloticus* × *O. aureus*) in intensive culture
S. Viola (Ashrat, Israel), Y. Arieli and G. Zohar (Tiberias, Israel) 115

Effects of polyunsaturated fatty acids in feeds of tilapia and carp.
1. Body composition and fatty acid profiles at different environmental temperatures
S. Viola (Tiberias, Israel), S. Mokady, D. Behar and U. Cogan (Haifa, Israel) 127

Physiology and Endocrinology

Growth and filtration of juvenile oysters in experimental outdoor pumped upwelling systems
B.E. Spencer (Conwy, Great Britain) 139

Effect of stocking density on the growth and stress-response in brook charr, *Salvelinus fontinalis*
M.M. Vijayan and J.F. Leatherland (Guelph, Ont., Canada) 159

Rainbow trout (*Salmo gairdneri*) semen: effect of non-motile sperm on fertility
M.J. Levanduski and J.G. Cloud (Moscow, ID, U.S.A.) 171
An analysis of sex stimuli enhancing ovarian growth in pubertal African catfish, *Clarias gariepinus*
J.H. van Weerd, M. Sukkel and C.J.J. Richter (Wageningen, The Netherlands) 181

Technical Paper
Fatty acid profiles from direct methanolysis of lipids in tissue of cultured species
J.N.C. Whyte (Nanaimo, B.C., Canada) 193

Contents of *Aquaculture*, Volume 75 205

VOL. 75 NOS. 3/4

This issue will contain the cumulative indexes for volumes 51–75.